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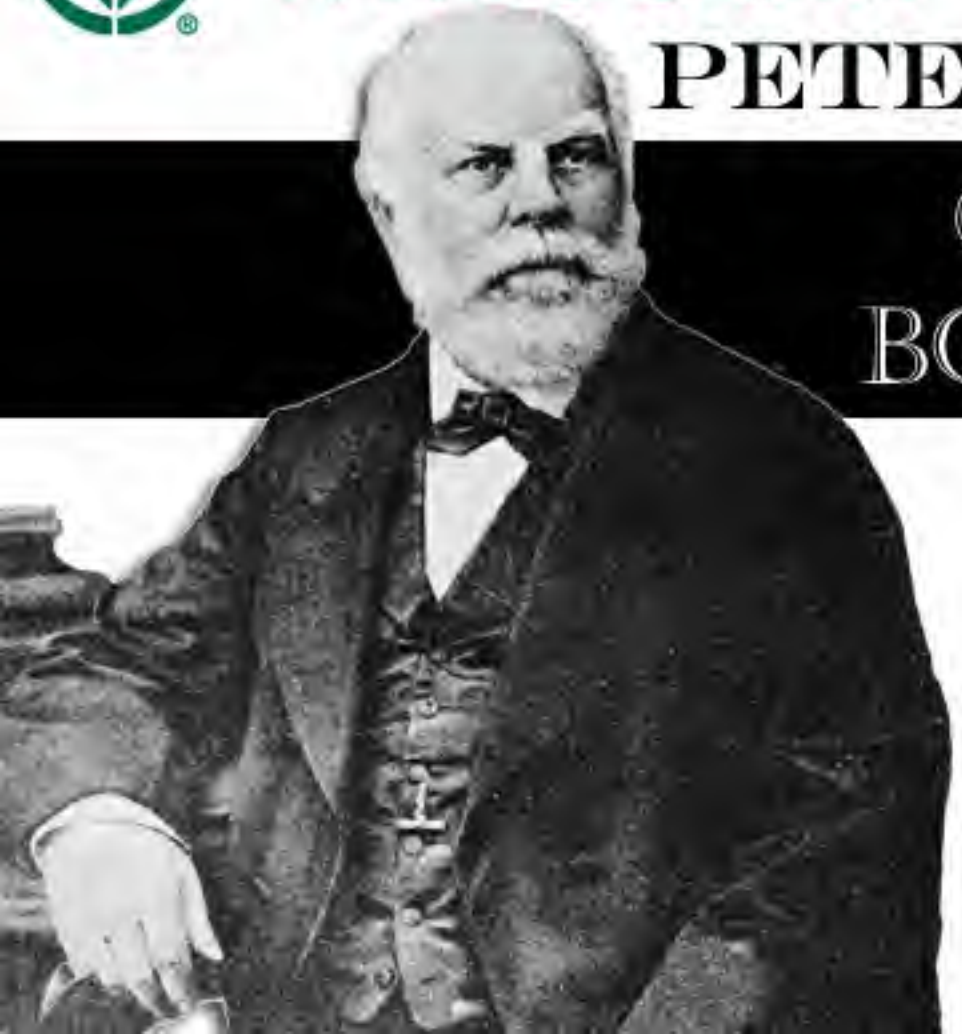

Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

Y. angustifolia B. elata Engl. = Flatow Beauv.

radiata Engl. = Kleg. Cat. 40 Parkes

Baker, not

Y. constricta Buckley Proc. Phil. Acad.

1862. p. 8

(Buckley's is = angustifolia)

Yucca elata Engelm

olim Y. angustifolia var elata

248-256

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Europ. Aff. Amer. bor

Fr 1825

5898

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Yucca elata Jan 1 1871

Arizona, S. Palmer 1869

×2

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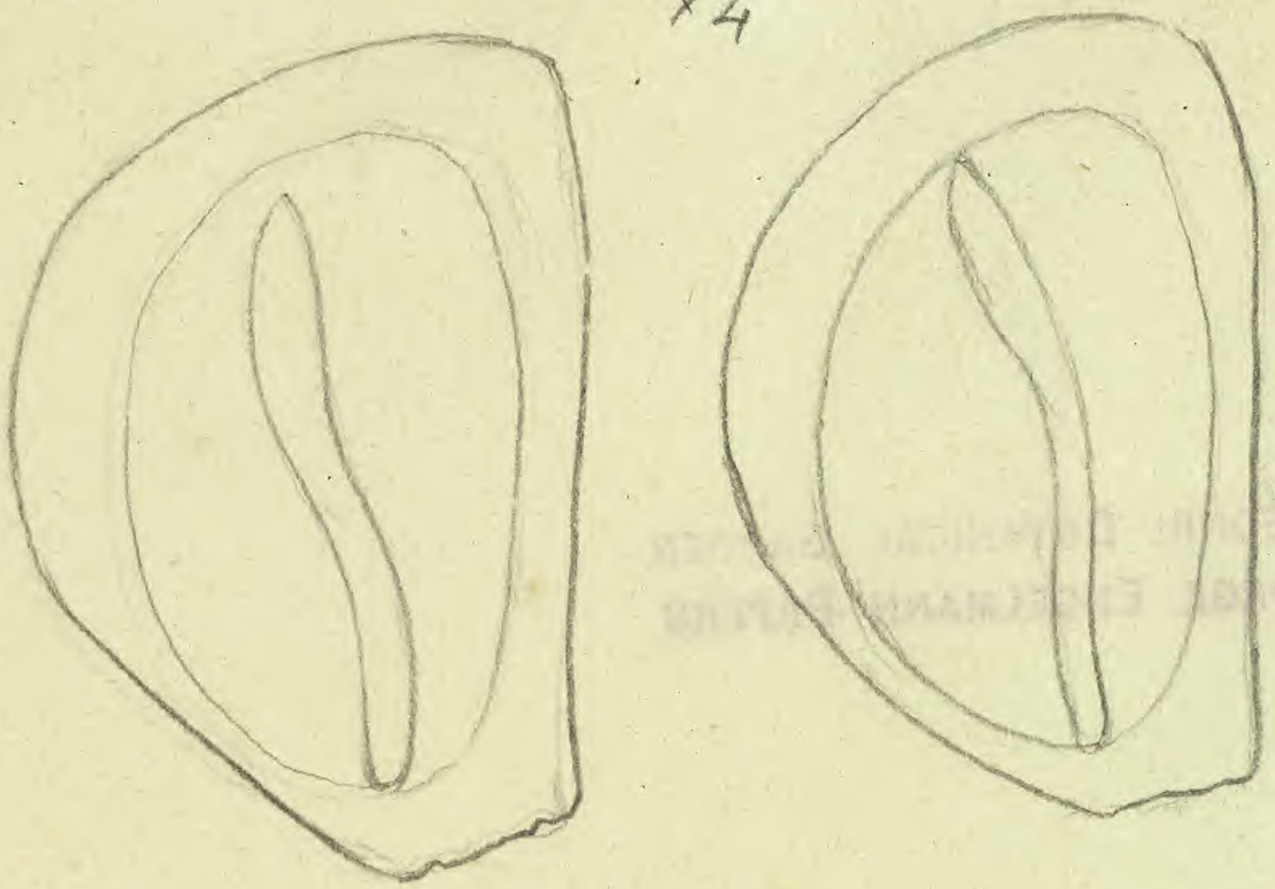
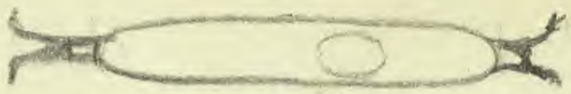
Yucca (~~elongata~~) ~~radiata~~ Jan 5 - 1871

Arizona S Palmer 1869

Description of Y. angustifolia var radiosa

x4





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21

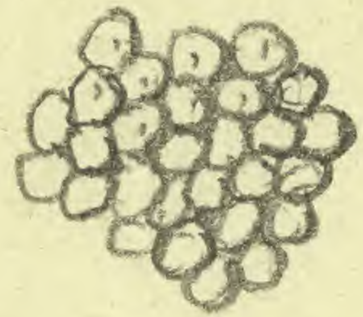
Y. argentifolia elata

nigrosa

May 14 1872

Arizona Palm 1869

×150



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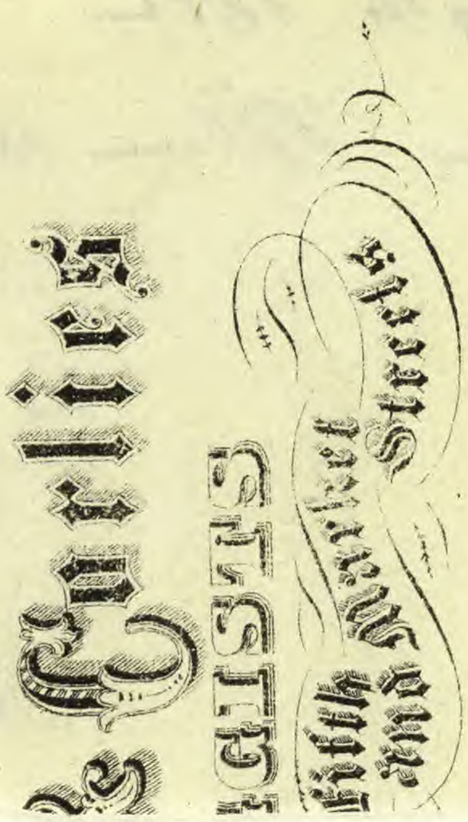

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Yucca elata, scape 7' panicle 5' = 12 feet, above crown of leaves; trunk ~~5 feet~~ 5–11' panicle contracted, but branched

Sept 28 1880 on Mesa south of Fusion

My dear [illegible]

I know that you must have
your hands full since your return and
I do not like to add to your labors,
but I cannot, with safety, make the

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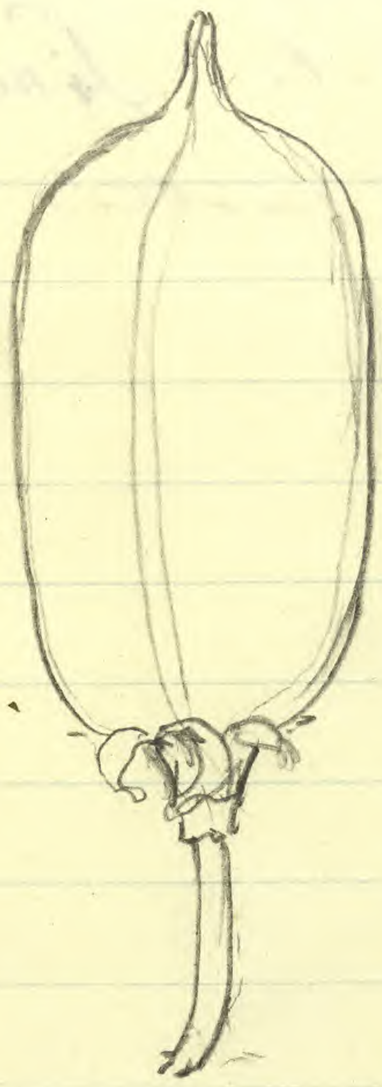
Fort Smith
June 24th 1853

in Mc Torrey

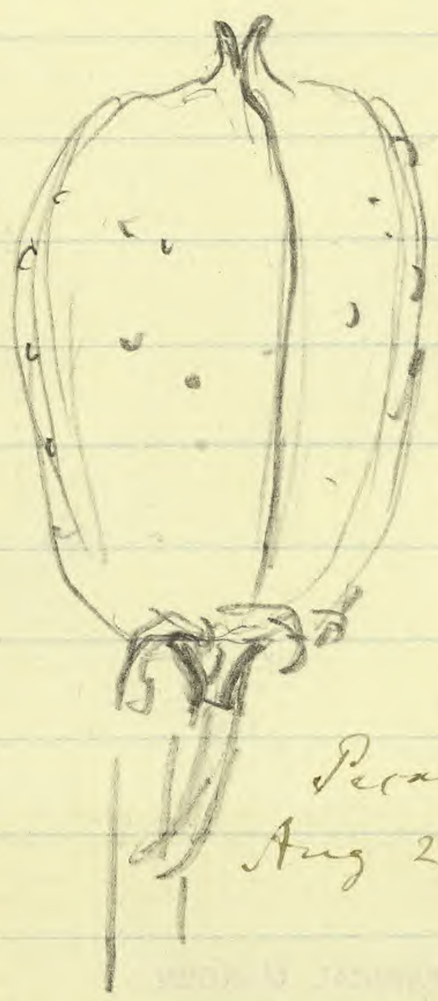
Dr Bigelow Cy



. ovempie
Capsule

leaves 1/2 to 2 feet long
5 to 7 lines wide

Scape sarcenose
not glandulate



Pecan creek
Aug 24 1853.

8690

P. angustifolia mollis
Yucca Brigeloni Torrey ÷ Herb
y. stricta Sims ?

forma latifolia mollis Yucca angustifolia

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Joshua tree.

Yucca elata Engelm. / Y. constricta Baker & Greenidge 229
not Buckley, Y. angustifolia var elata, Engelm Bot Cal
& Yucca p. 82 or more

Trunk 3-5 feet high, leaves glaucous sharp pointed, filamentose on margin; with white
rarely compound with contracted
scape several feet high bearing a pyramidal panicle
of white flowers, perianth segments ovate, acute, short
not laciniate Ovary pendulous tapering into a long obtuse
capsule thin, pale, cylindric ovate, crisp dry,
or arcuate
× white membranous ovate bony seeds
long as the pedicels, soon breaking off,
seeds black, ½ inch long flat wafer like margined.

Deserts of Arizona, probably extending into South
& Mexico and into California. Easily known from
it closely allied Y. angustifolia, with which I had
formerly united it, by its 3-5 or 6 feet high, 3-7 in thick
especially its long stout branched flowering stem 6-12 feet high
naked below, simple above a much branched pyramidal panicle.
(The style, green in the other species is here
white.

Flowers upwards of 2½ inches long, See other page

Capsule similar to that of angustifolia, seeds of
the same size and larger than in all the other species
fully ½ inch in diameter, with a narrower wing
& the largest specimen measured by me about 2 feet
of the trunk 11' high & the crown of leaves (in by
wide — ; branched panicle from 7' upwards 5 feet long over

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For specimen flowers ~~with~~ before the weak a trunk seems best but the scape naked will always distinguish the

+Yucca constricta Buckley is a large form with a short trunk, such as we find in that species, usually in cultivation. It combines capsules usually in all three ways being intermediate and will continue so change its

St Louis Jan 16/82

1898

Dr Geo Engelmann

City-

Dear Sir

Herewith please find Check in settlement of your bill of Nov 28/81.

Yours &c

Chas. H. Dempa

Yucca ~~macrocarpa~~ is now has a pubescent $16.00 pedicle, while baccata at least in its north is always smooth, Yucca glauca Nutt in Torr & Gray fl 2 p 446 also has them, and with a pubescent pedicles.

Y. macrocarpa flowers wide with 9 to 15 – N 2nd Ark and lobes

Y. angustifolia has greenish globose flowers with white

with broad and concave segments, which do not open wide at night.

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Yucca constricta, Buckley Proc Phil Acad. 1862 p. 8

foliis linari-lanceolatis, margine filamentosis accumbentibus apice caudatis confertissimis, caudex 12-18- pollicaris scapus 4-8 pedalis, paniculis magnis, floribus numerosis longe pedunculatis bracteis ovatis acutis margine membranaceis, capsula ovata oblonga subobtusa sub exclusa vix medio constricta.

West Texas, ft. June

--- leaves 12-15 inches long 4-6 lines broad. differs from Y. angustifolia by the longer caudex shorter leaves and constricted Capsule. caps. obtuse at both ends 1½-2½ inches long. constricted.

Y. angustifolia is common in North Texas; leaves 1/3 longer [therefore 18-21 inches long?] scarcely a caudex

It may be my Y. elata after all; scape high — panicles large! — Contricted capsule are accidental and I think my case — this form.

8692

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Vienna Universal Exposition. 1873.

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SIR:

THE United States Commissioner to the Vienna Exposition of 1873, Gen. Thomas B. Van Buren, has requested the gentlemen whose names are annexed, to act as an Advisory Committee for GROUP IV. SUBSTANCES OF FOOD AS PRODUCTS OF INDUSTRY.

This group embraces, in the classification of the Imperial Commissioners:

a) Flour and other farinaceous products, malt and its products;
b) Sugar and its products;
c) Spirits and spirituous liquors, &c.;
d) Wines;
e) Ale, beer, porter, &c.;
f) Vinegars;
g) Preserves and extracts, (extracts of meat, portable soup, condensed milk, Erbswurst, preserved vegetables, preserved meat, &c.;
h) Tobacco, and similar manufactures;
i) Confectionery, ginger-bread, chocolate, coffee substitutes, &c.;
k) Processes and inventions for preparing all these articles;
l) Statistics of production.

The Austrian Commissioners earnestly invite illustrative models of processes which are labor and time saving, as well as carefully prepared products in the several branches of industry.

It cannot be doubted that ample return for the time and labor it may cost each worthy exhibitor, will be made, both in the recognition in the competitive exhibition, and in the increased demand for his productions.

Congress will doubtless make such appropriation as will greatly relieve the cost of transportation, storage and proper exhibition.

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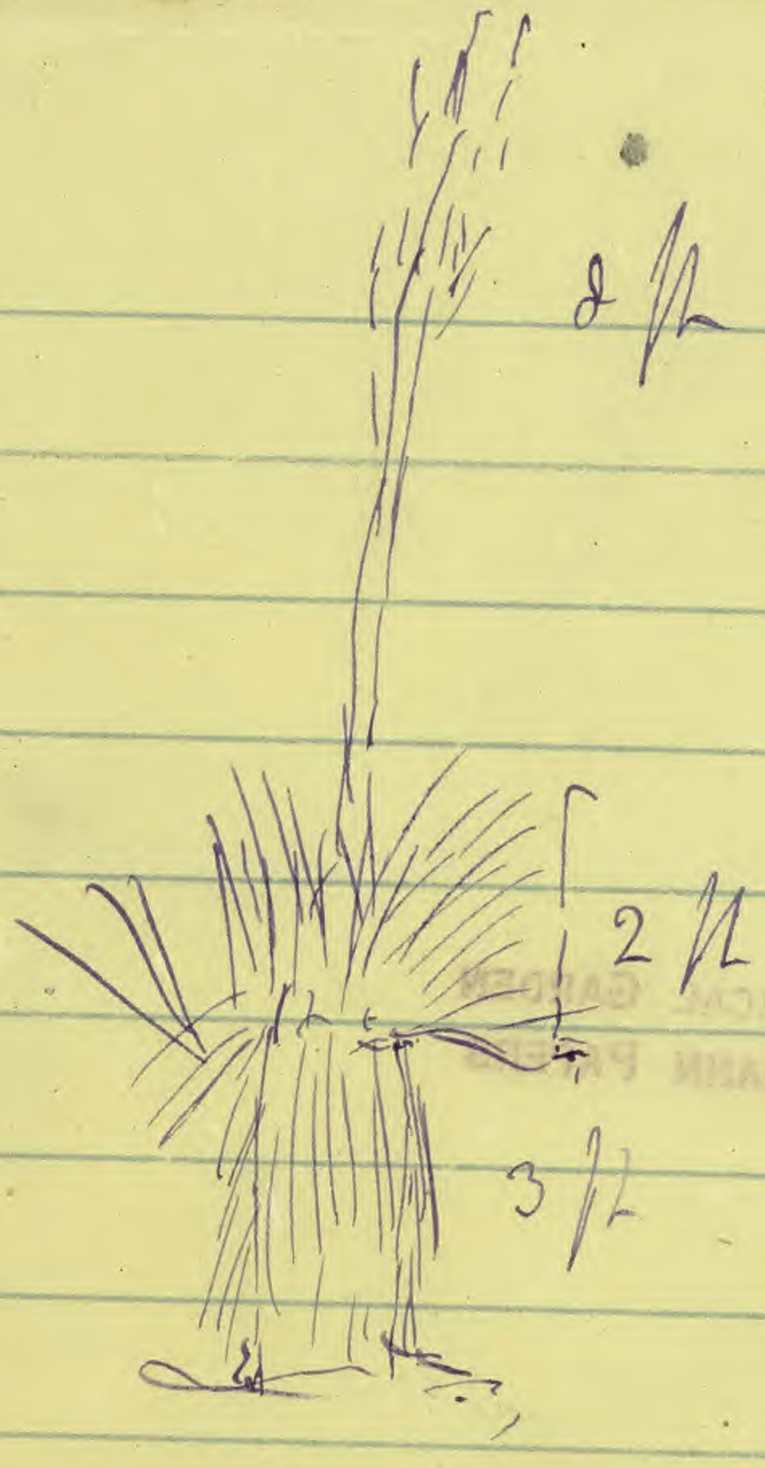
Dr C C Parry Jan 1881

No 6

6 Yucca elata —? (alba marginata)?

The blades leaves Y. which you noticed, and which notwithstanding my protests years ago you called Y angustifolia Coon. I Jay never admit as a good species. I forget your provincial name. but the above seem a very constant character (white margin.) The filamentous threads on most of the base of the leaf. Some fine Buck specimens near Benson



I secure some cut from old. capsules. + send by mail What miles have you made in Ariz? What more do you want to know about it? —

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Y. angusti folia

~~flexa~~ *mollis*

J

Ludwig Linnaeus June 1873 writes
Scape only 2-3 feet high; raceme simple, 1/2 - 3/4 feet long
flowers greenish white; pistil light green, with
darker green stigma

237-247

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Carniolia, ad scat. rivul.

H. B. Würzb. 1822

4628

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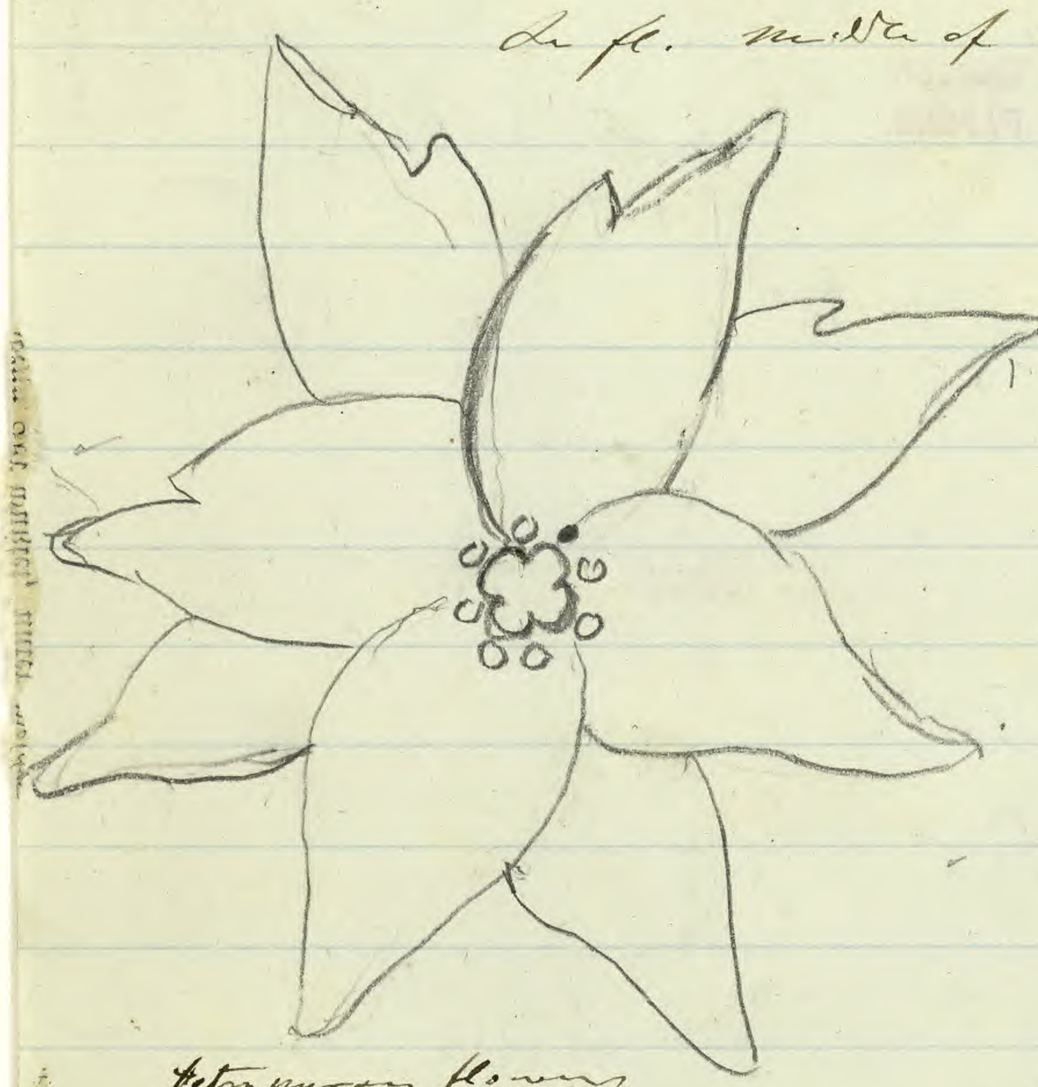
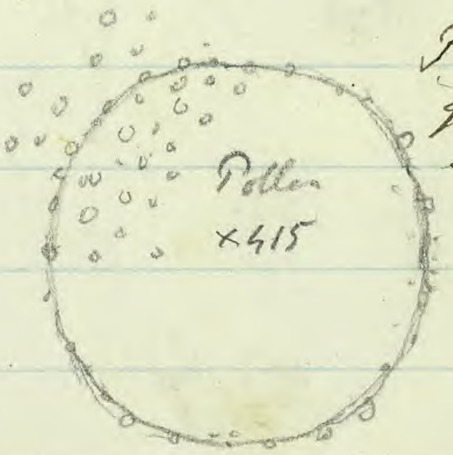
Yucca angustifolia var *mollis*

Atoka on Mo Pac & Ft Worth Road, 55 miles north of Red River

Dr. ft. middle of May, 1874 G K Butler leg



Petals unseen flowers
filt Stamens without anthers

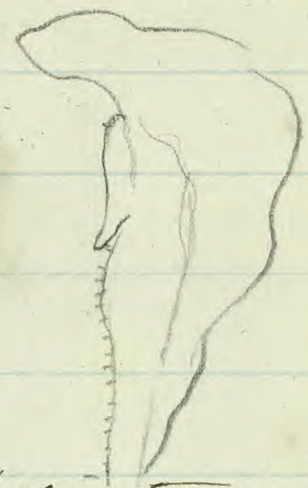


×10

Pollen covered with little globular drops, detached in water in part, oil?

×2

half an anther
growing out into a petal
other half petaliferous



half a stamen
petaloid, other half
abortive

Most of the flowers had supernumerary parts usually 7 or 8 petaloid segments; stamens 6–8 ovary 3, 3/p & 4 parted, Stigma green flowers greenish inside, greenish purplish outside in a spike leaves rarely pointed, 7–8 Greenish

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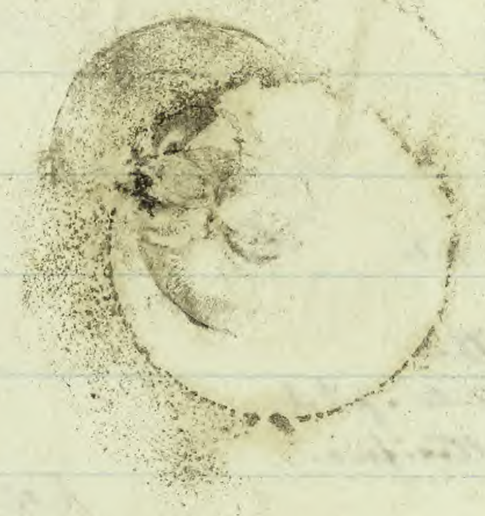

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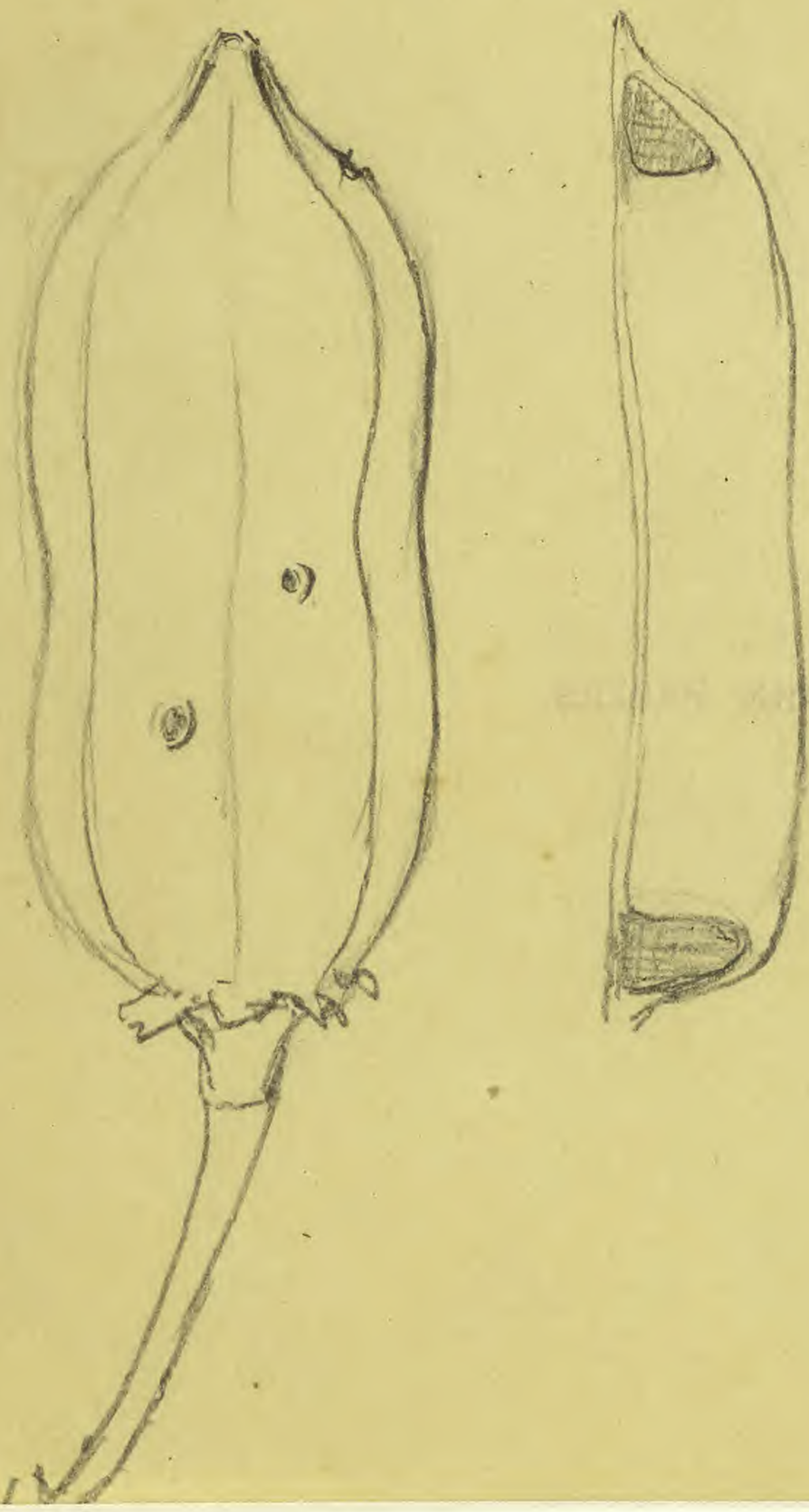
Yucca mollis ? Oct 28 1873

Texas, C. V Riley 1873



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